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1. ☒ Filing fee as calculated and transmitted as described below

2. ☒ Specification having 52 pages and including the following:

a. ☒ Descriptive Title of the Invention

b. ☐ Cross References to Related Applications (*if applicable*)

c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)

d. ☐ Reference to Microfiche Appendix (*if applicable*)

e. ☒ Background of the Invention

f. ☒ Brief Summary of the Invention

g. ☒ Brief Description of the Drawings (*if drawings filed*)

h. ☒ Detailed Description

i. ☒ Claim(s) as Classified Below

j. ☒ Abstract of the Disclosure

3. ☒ Drawing(s) (*when necessary as prescribed by 35 USC 113*)

a. ☒ Formal

b. ☐ Informal

Number of Sheets 10.

4. ☒ Oath or Declaration

a. ☐ Newly executed (*original or copy*) ☒ Unexecuted

b. ☐ Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)

c. ☒ With Power of Attorney ☐ Without Power of Attorney

**NEW UTILITY PATENT APPLICATION  
TRANSMITTAL**

DOCKET NO.  
227270/04060

TOTAL PAGES IN THIS SUBMISSION  
123

Application Elements (Continued)

5. ☐ Incorporation by Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche (*Appendix*)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (*identical to computer copy*)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers (*cover sheet & document(s)*)
9. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
10. ☐ English Translation Document (*if applicable*)
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☒ Certificate of Mailing  
☐ First Class ☒ Express Mail (*Specify Label No.:* EL084652689US)
15. ☒ Small Entity Statement(s)  
☐ Statement filed in prior application; Status still proper and desired.
16. ☒ Additional Enclosures (*please identify below*):

Listing 1, Listing 2 and Listing 3 (source code for a majority of the seedling analysis)

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**FEE CALCULATION AND TRANSMITTAL**

**CLAIMS AS FILED**

1) For	2) Number Filed	3) Number Extra	Rate	Additional Fee
TOTAL CLAIMS (37 CFR 1.16(c))	=		x \$	\$
INDEPENDENT CLAIMS (37 CFR 1.16(c))	=		x \$	\$
First Pres. of Multiple Dep. Claims		= 0		
Terminal Disclaimer		= 0		
			Basic Filing Fee	\$
			TOTAL	\$

- ☐ A check in the amount of \_\_\_\_\_ \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☐ Credit any overpayment or any deficiency.

Respectfully submitted,

Date:

6/9/2000

By:

*Sean T. Moorhead*

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**EXPRESS MAILING CERTIFICATE**

"EXPRESS MAIL" Mailing Label No.: EL084652689US

Date of Deposit : June 9, 2000

I hereby certify that this paper or fee is being deposited  
with the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated above  
and is addressed to the Assistant Commissioner for Patents, Box  
Patent Application, Washington, D.C. 20231

Typed or printed name of person signing this certificate:

Kurt Feuerstein

Signed:

*Kurt Feuerstein*